

## ABSTRACT

A method, apparatus, and gateway allows a variety of client devices to access information from current information providers, and the information is adapted to accommodate the differing formats of the client devices. Speech processing, text-to-speech (TTS), speech feature transmission on heterogeneous networks, quality of service (QoS) support for real-time applications, transcoding, transformation, publish rendering, multimedia contents analysis, and speech coding may be supported.

U.S. GOVERNMENT PRINTING OFFICE: 2001 50-1330-000-000

"Express Mail" mailing label number: EL618477605US  
Date of Deposit: August 23, 2001  
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